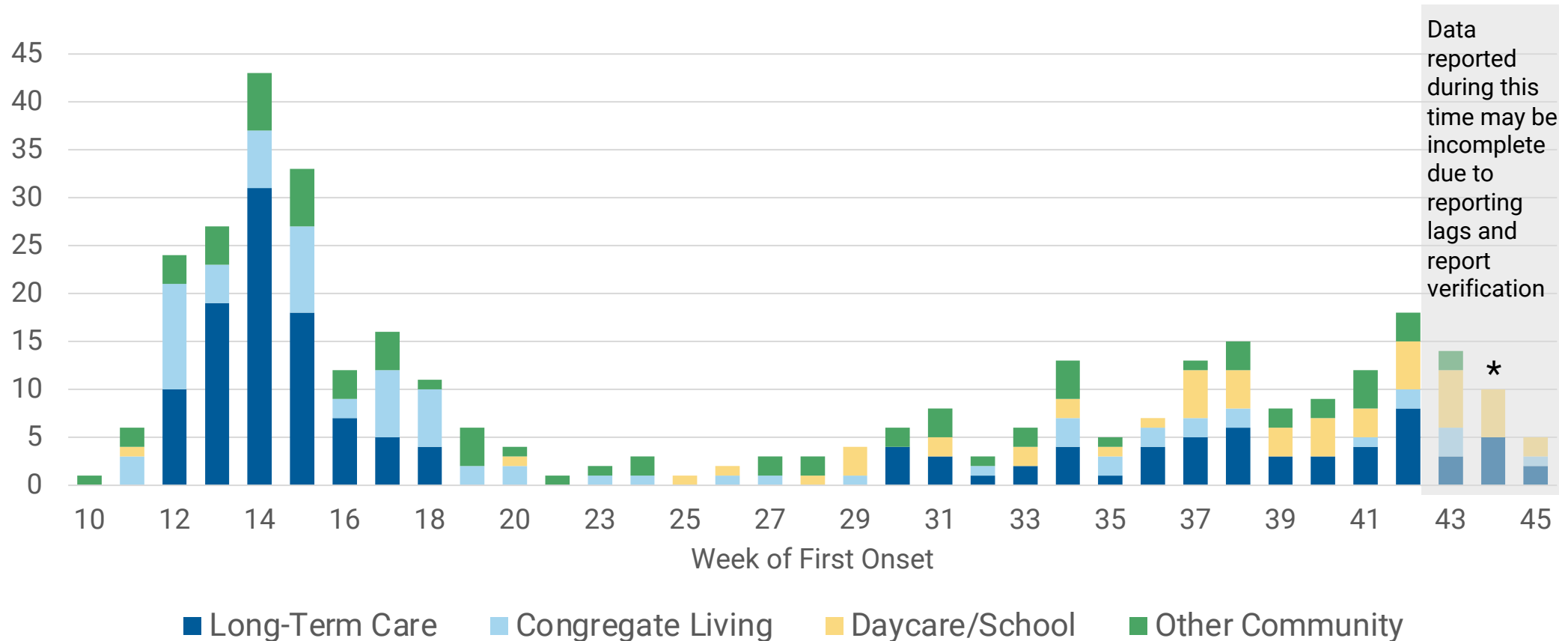




# Congregate Facility Responses & Community Outbreaks

Data through week of 11/7/20 (week 45)

# Reported COVID-19 Outbreaks by Week of First Onset<sup>§</sup> (N=358)



Data reported during this time may be incomplete due to reporting lags and report verification

\*

Data as of November 7. All data are preliminary and subject to change as cases are investigated. Data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting. Week 10 began on March 1.

<sup>§</sup>If symptom onset dates are unknown, the first test date is used. Four outbreaks are excluded from this graph due to missing onset dates.

\*Illinois Department of Public Health criteria for defining an outbreak in non-healthcare community and school settings was updated from 2 or more cases to 5 or more on October 27. Cases must have symptom onsets within 14 days of each other and be epidemiologically linked to the outbreak setting.

Long-term care includes, skilled nursing and assisted living facilities. Congregate living includes, correctional facilities, homeless shelters, group homes, and other residential care facilities.



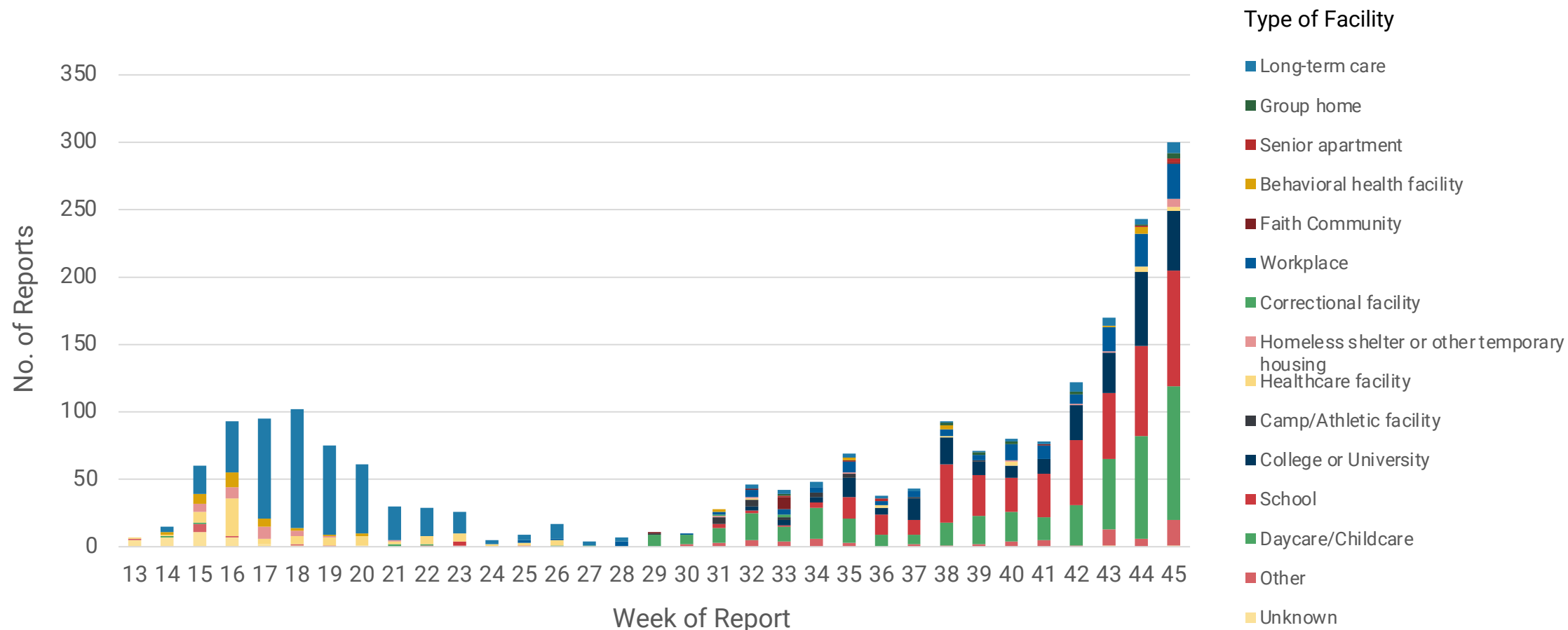
## Public Places Visited Among Confirmed COVID-19 Cases\* that Reported Visiting Any Public Place (N=1090)

Public Place	N	%
Restaurant	569	52.2
Bar/night club	122	11.2
Movie theater	0	0.0
Museum	3	0.3
Salon/barber shop	78	7.2
Nail salon	30	2.8
Tattoo shop	3	0.3
Gym/fitness center/recreational center	149	13.7
Public pool/water park	14	1.3
Indoor play place	8	0.7
Public place not listed above	214	19.6

\*Confirmed cases in Chicago residents with test dates after June 1, 2020 and interviewed by Chicago Department of Public Health between July 15, 2020 and September 15, 2020. During this time, 45% of cases were reached and interviewed. 15.3% of those with completed interviews reported visiting a public place in the 14 days prior to their illness onset or test date. NOTE: Reporting that one visits a location does not mean cases were infected at these locations.



# Reports to the REDCap Form for Clusters and Individual Cases in Community and Congregate Settings

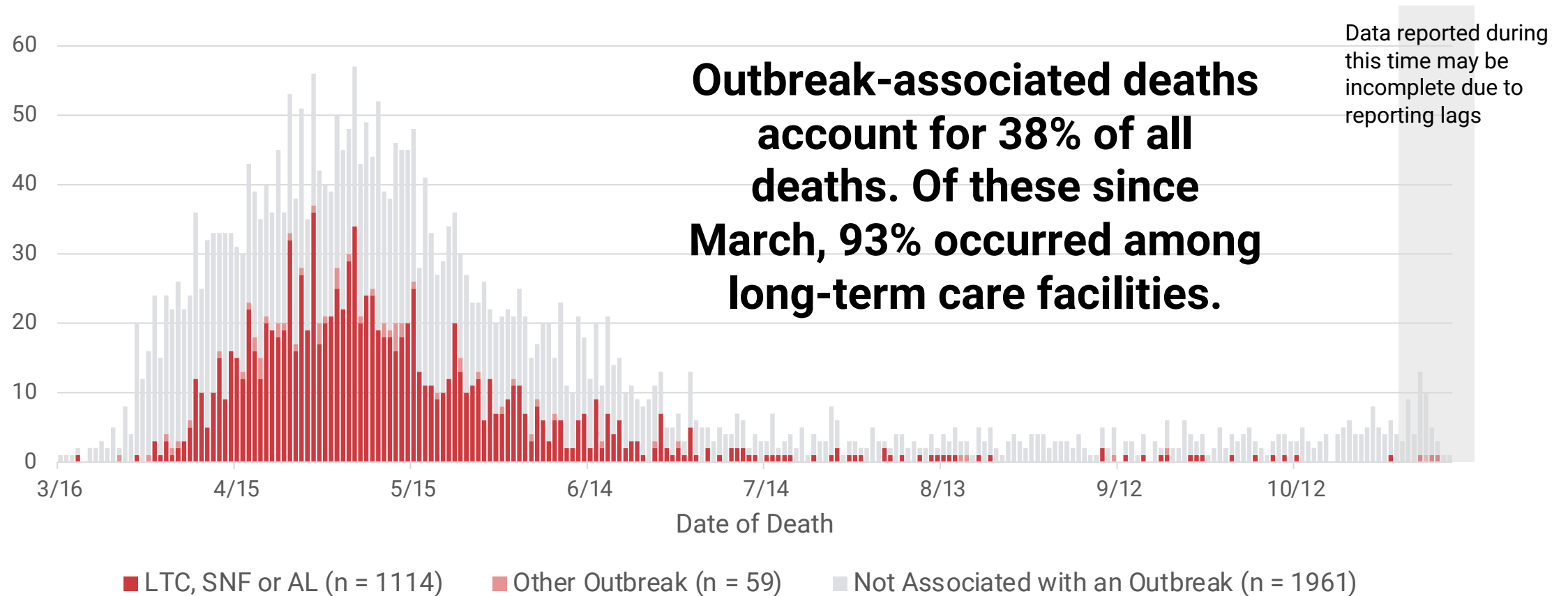


Data is reported by MMWR week, which is the week of the year assigned by the National Notifiable Diseases Surveillance System for the purposes of disease reporting. Week 13 began on March 22. Reporting mechanisms for different facility types have changed over time.

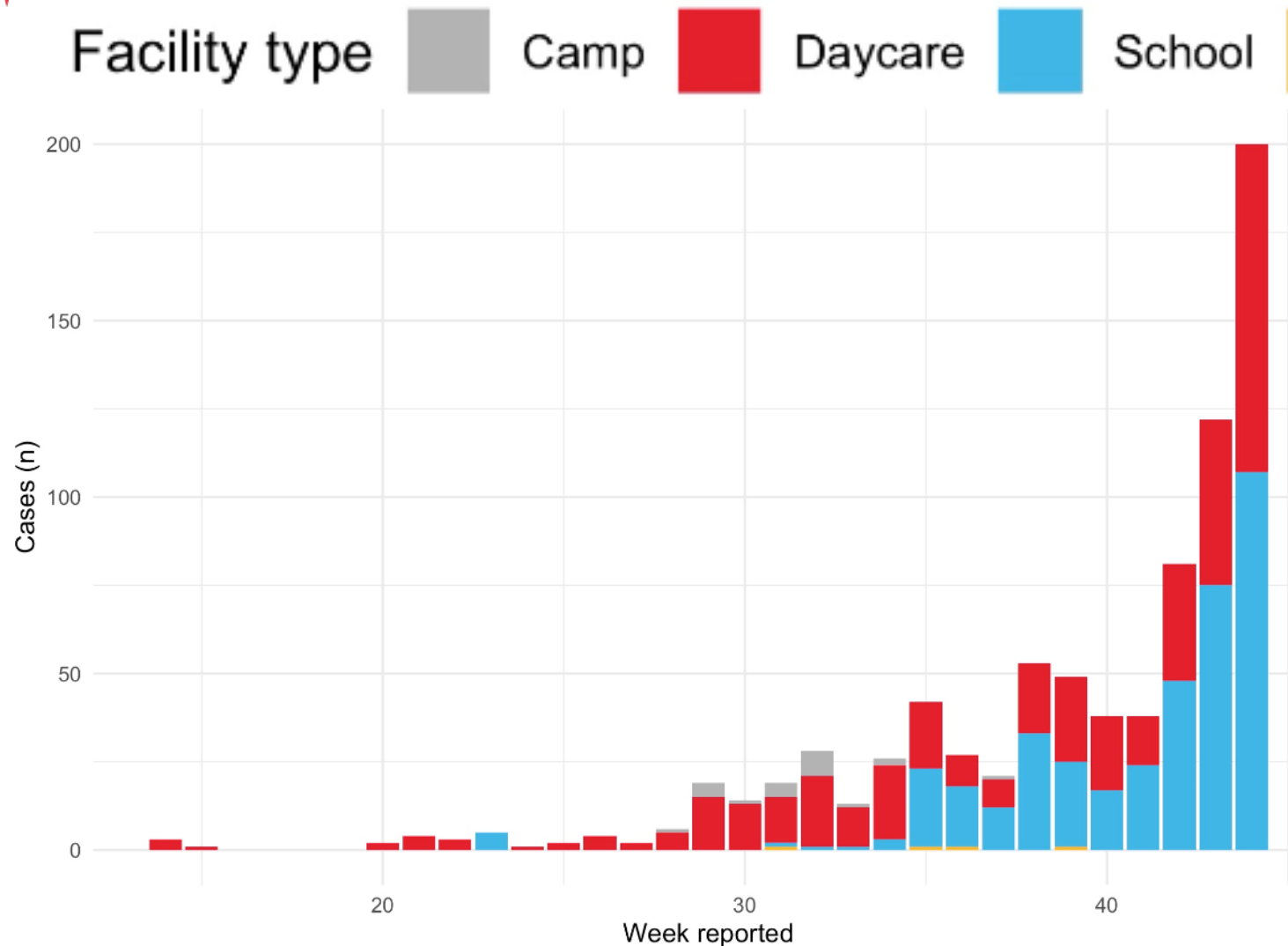




# Confirmed COVID-19 Deaths among Chicago Residents by Association to a Known Outbreak

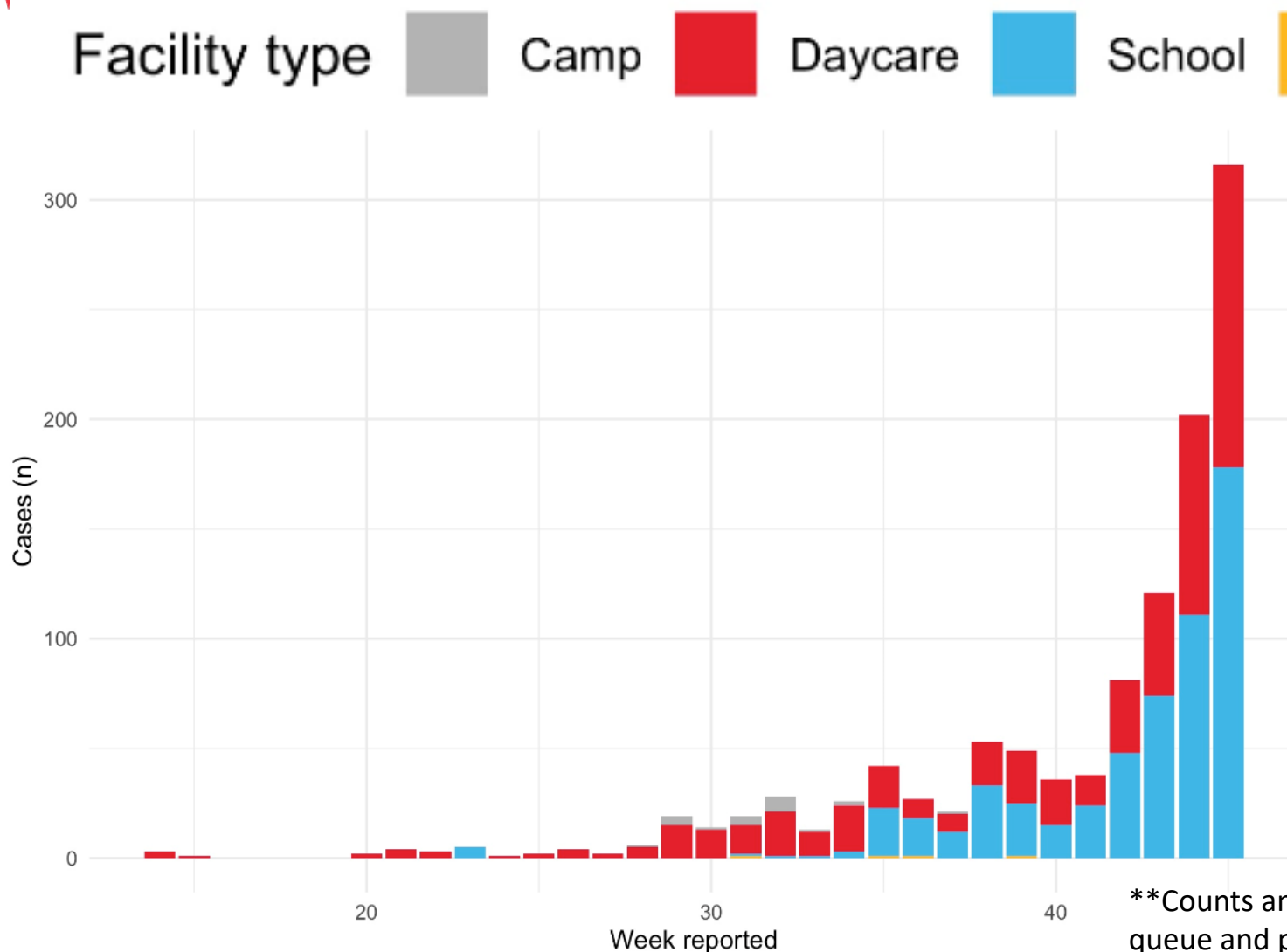


# Facility-Associated Cases\* in Youth Settings by Report Date (Week 44)



- Increase in reports over the past week:
  - 200 cases at 111 facilities
- Schools: 107 cases at 47 facilities
  - Majority out-of-school contacts but numbers rising along with community transmission.
- Daycare: 93 cases at 64 facilities
  - 1 large outbreak likely secondary to breach in protocols

# Continued Predicted Increase in Facility-Associated Cases\* in Youth Settings by Report Date (Week 45)



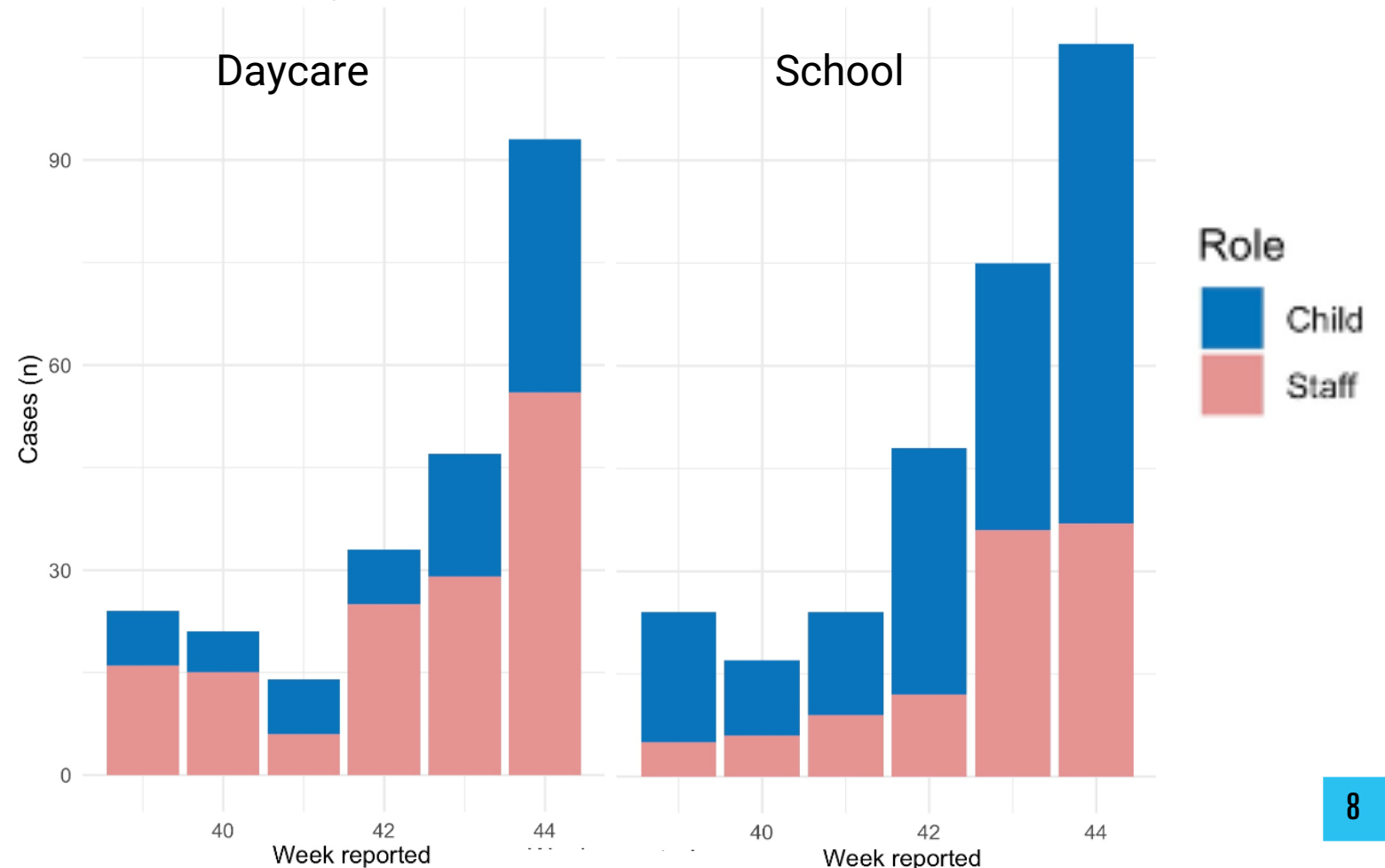
- 316 new cases reported from 150 facilities last week\*\*
- **Schools:** 178 new cases reported from 72 facilities
- **Daycares:** 138 new cases reported from 78 facilities
- \*"Facility-associated" refers to cases that occurred when the facility is in session (students present) AND one of the following:
  - The case was in the facility during their infectious period (2 days prior to symptom onset or test date); OR
  - The case had been in the facility within 14 days of an infectious case

\*\*Counts and investigations limited by slowed interview queue and poor facility reporting due to operational burden



# Facility-Associated Cases in Daycares and Schools by Report Date and Role (Week 44)

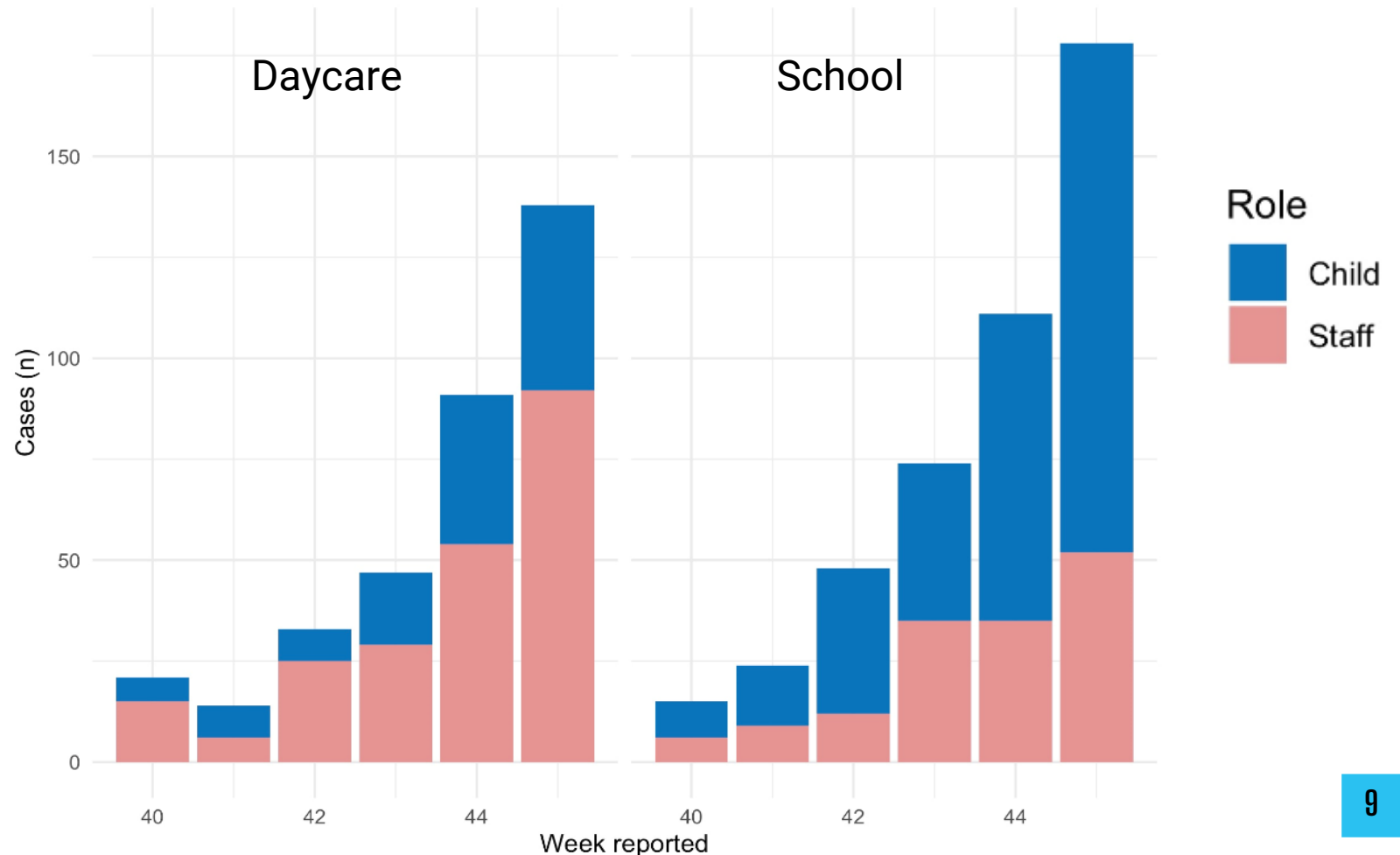
- Increase in daycare cases this past week, mostly related to household clusters but one known outbreak (described in previous slide).
- For school, case clusters associated with outside-school events such as:
  - Sleepovers, parties, team sports...





# Continued and Predicted Increase in Facility-Associated Cases in Daycares and Schools by Report Date and Role (Week 45)

- Increase in cases continue to be mostly related to household clusters
- Larger increase in daycare cases compared to schools this week by could be due to limitations of school operation burden of reporting cases.



# Youth cases reported by week through week 44 (cases and number facility-associated, e.g. day care, school)

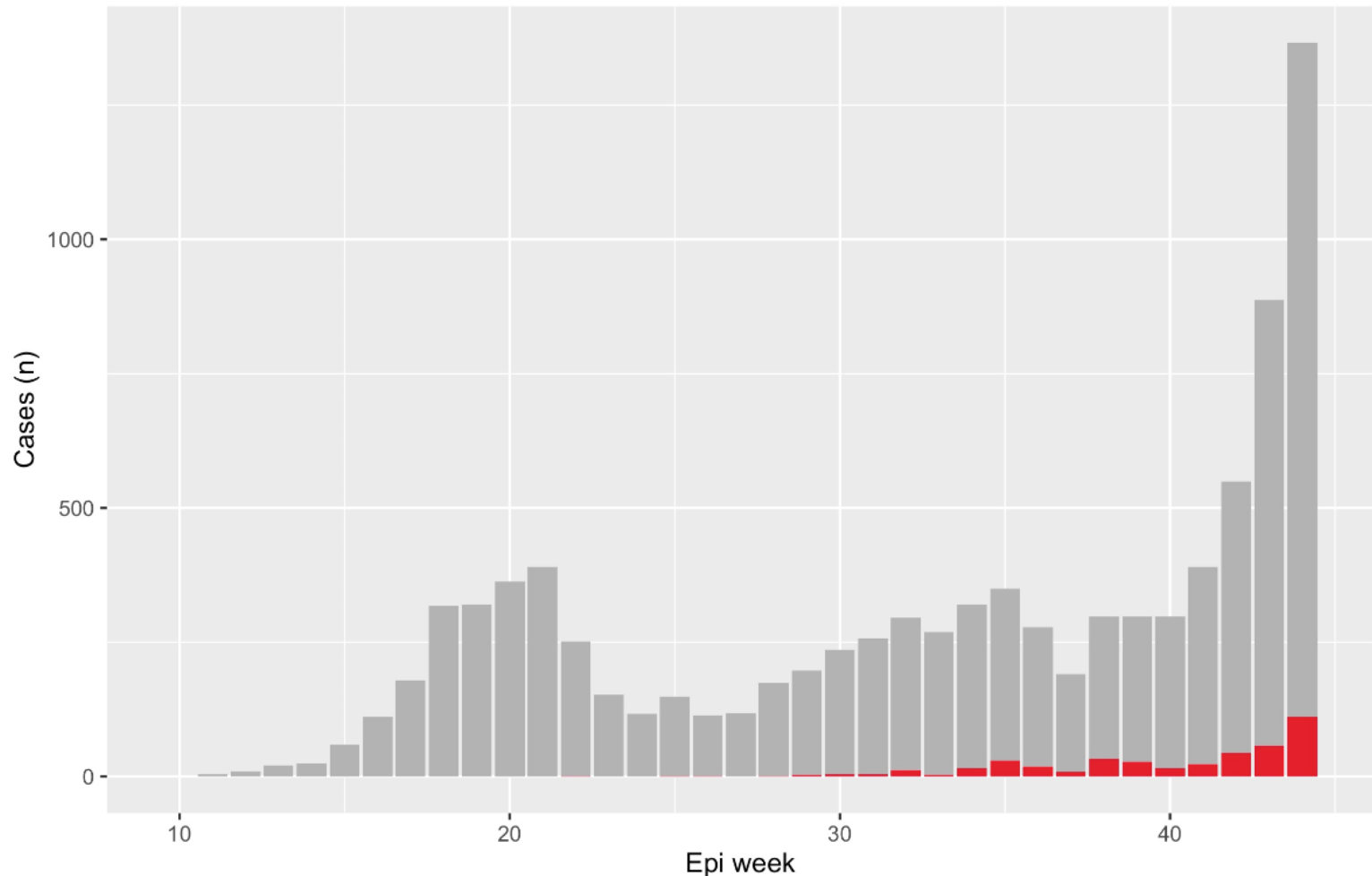


Pediatric cases



Pediatric facility-associated cases

**Youth facility-associated cases (in red)** put in context of **all pediatric cases (in grey; 0-17 years-old)** across the city. Growth appears to be in proportion to community transmission.



# Facility-associated Youth Cases Rising in Proportion to Community Pediatric Cases (reported through week 45)

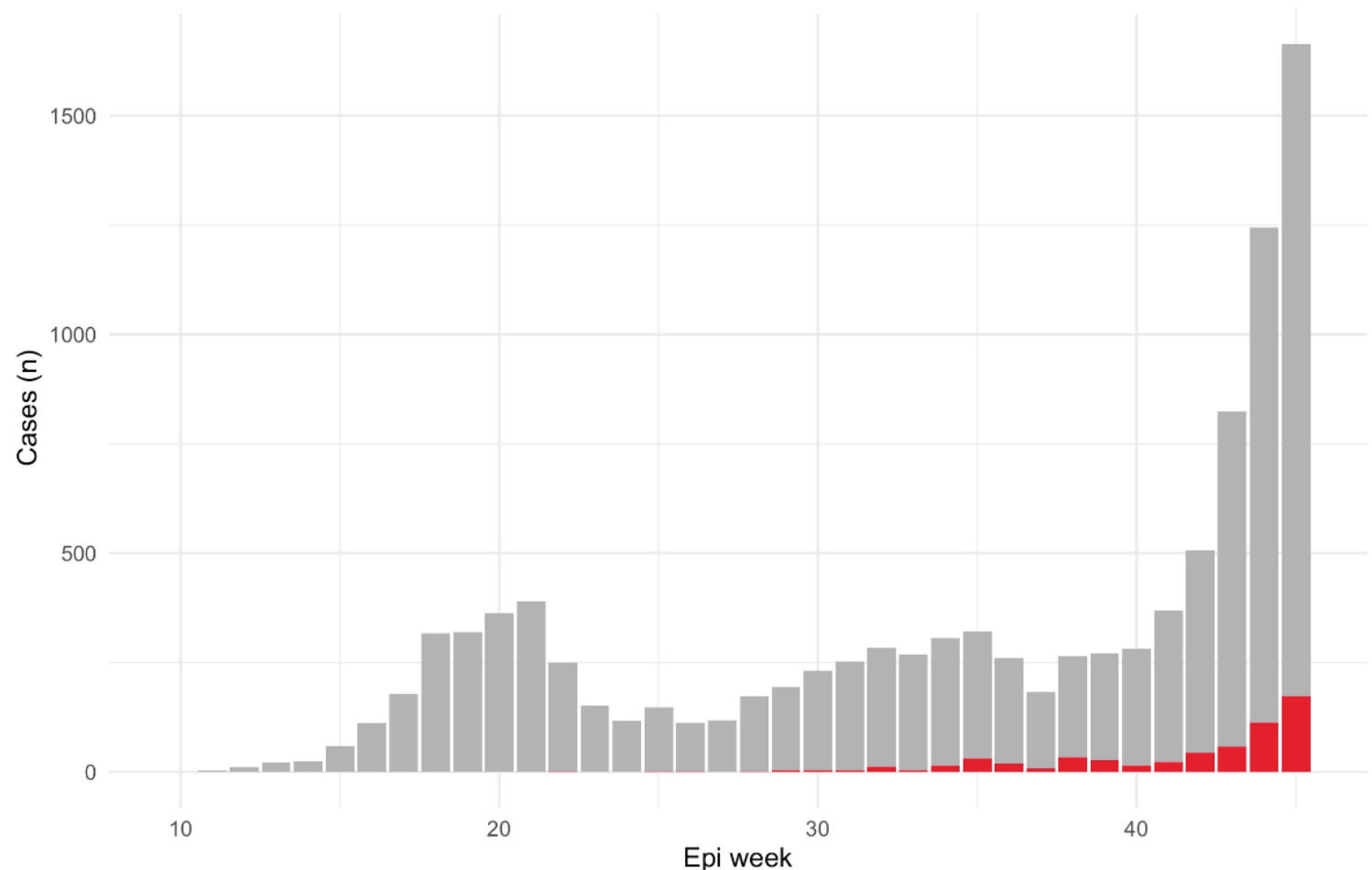


Pediatric cases



Pediatric facility-associated cases

**Youth facility-associated cases (in red)** put in context of **all pediatric cases (in grey; 0-17 years-old)** across the city. Growth continues to appear in proportion to community transmission.



# Daily COVID-19 Cases by Age (through 11/10/20)

